



Service Bulletin

Bulletin No.: 19-NA-196

Date: September, 2019

INFORMATION

Subject: Diagnostic Tips For Stall / Stumble After Startup or When Placed Into Gear

This Bulletin replaces PIP5624. Please discard PIP5624.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2010	2017			2.4L LAF, LEA	
GMC	Terrain						

Involved Region or Country	North America
Condition	Some customers may comment that the engine would stumble and/or stall after startup (hot or cold start). Some customers may also comment that the condition is more noticeable when placed into gear. Note: Typically, there are no related DTCs.
Cause	This condition may be caused by a faulty aftermarket or incorrect upstream Oxygen sensor (HO2S) installed.
Correction	Monitor Upstream Oxygen sensor voltage when the condition is present. ⇒ It may be found that the voltage is skewing high (staying at 800mv or higher) causing the ECM to believe the engine is running rich, resulting in an unnecessary lean out of the fuel system. If the condition is not present with the upstream oxygen sensor disconnected, this may confirm the oxygen sensor as being the issue. ⇒ Upon further inspection, it may be found that the upstream oxygen sensor had been replaced with a faulty aftermarket or incorrect upstream oxygen sensor (sensor for different vehicle application / position).

Parts Information

No parts are required for this repair.

Version	1
Modified	Released September 03, 2019

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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